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INSPECTORATE

QUALITY CERTIFICATE

Vessel	FAITHFUL	Port	PORTSMOUTH, NH	Report	PL05-724
Customer	SPRAGUE ENERGY	Date	December 27, 2005	Ref. No.	
Operation	ANALYSIS	Terminal	SPRAGUE GOSLING ROAD	Sample #	32646

Material being tested

#6 FUEL OIL(2.0%)

Description of sample source

SHORE TANK 1

Samples Drawn by (company)

INSPECTORATE AMERICA

Samples Tested by (company)

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Tests being Performed	Test method	Minimum	Maximum	Sample Result
API Gravity @60/F	D-4052	10.1		9.6
Sulphur, %wt	D-4294		2.00	2.01
Viscosity, CST @ 50C	D-445			504
Viscosity, SSF @ 122F	D-445/2161			238
Water by Distillation, Vol %	D-95			0.05
Sediment by Extraction, Wt %	D-473			0.05
Water & Sediment, Vol %	D-1796			0.05
Flash Pt/F	D-93 B			189
Ash, %wt	D-482			0.019
Vanadium, ppm	IP-470			57
Sodium, ppm	IP-470			10
Nitrogen, Wt %	D-5762			0.3718
Heat Of Combustion, Per Pound	D-240			18217
Heat Of Combustion, Per Gallon	Conversion			152148
Asphaltenes, Wt %	IP-143			4.1
Carbon Residue, % wt	D-4530			12.9
Pour Point,F	D-97			15.8
Sulphur, %wt	D-4294			
UPPER tag # 039893				2.01
MIDDLE tag# 039894				2.01
UPPER tag # 039894				2.00
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DAVID CAWOOD

Inspectorate America So Portland, Me